

WHAT IS CLAIMED IS:

1. A cold-shrinkable type rubber sleeve that is tube shaped,
comprising:
 - an internal semiconductive layer that includes an elastic
5 material and a semiconductive material; - a reinforced insulation layer that is formed around the internal
semiconductive layer to reinforce the internal semiconductive layer; - an external semiconductive layer that includes an elastic
material and a semiconductive material, and is formed around the
10 reinforced insulation layer; and
two stress-relief cones, wherein one stress-relief cone is formed
at each end of the cold-shrinkable type rubber sleeve, and the external
semiconductive layer is insulated from both the stress-relief cones.
- 15 2. The cold-shrinkable type rubber sleeve according to claim 1,
wherein the external semiconductive layer covers the stress-relief
cones through the reinforced insulation layer.
3. The cold-shrinkable type rubber sleeve according to claim 1,
20 wherein the external semiconductive layer is substantially cylindrical.
4. The cold-shrinkable type rubber sleeve according to claim 1,
wherein a thickness of the external semiconductive layer is
substantially uniform.

5. A cold-shrinkable type rubber sleeve that is tube shaped, comprising:

an internal semiconductive layer that includes an elastic material and a semiconductive material;

5 a reinforced insulation layer that is formed around the internal semiconductive layer to reinforce the internal semiconductive layer;

an external semiconductive layer that includes an elastic material and a semiconductive material, and is formed around the reinforced insulation layer;

10 two stress-relief cones, wherein one stress-relief cone is formed at each end of the cold-shrinkable type rubber sleeve; and

two edge-cut sections, each edge-cut section is formed near each of the stress-relief cones by edge-cutting the external semiconductive layer in a direction of a length of the cold-shrinkable

15 type rubber sleeve.

6. The cold-shrinkable type rubber sleeve according to claim 5, wherein the external semiconductive layer covers the stress-relief cones through the reinforced insulation layer.

20

7. The cold-shrinkable type rubber sleeve according to claim 5, wherein the external semiconductive layer is substantially cylindrical.

8. The cold-shrinkable type rubber sleeve according to claim 5,
25 wherein a thickness of the external semiconductive layer is

substantially uniform.

9. A method of manufacturing a cold-shrinkable type rubber sleeve, comprising:

5 forming a tube of an internal semiconductive layer with an elastic material and a semiconductive material;

forming a reinforced insulation layer around the internal semiconductive layer to reinforce the internal semiconductive layer;

10 forming an external semiconductive layer around the reinforced insulation layer with an elastic material and a semiconductive material;

forming a stress-relief cone at each end of the cold-shrinkable type rubber sleeve; and

insulating the external semiconductive layer from both the stress-relief cones.

15